

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application:

Application No.: 10/796,470

Filed: March 9, 2004

Title: **Chemical structures and compositions of ECP additives to reduce PIT defects**

Reel/frame No.: 015066/0373

Commissioner for patents

Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

the power of attorney previously given is hereby revoked, and

**NEW POWER OF ATTORNEY**

the following attorneys/agents are hereby appointed to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number:

**000047390**

Patent Trademark Office

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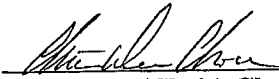
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TSMC2003-0235/0503-A30490US

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same. Further, in my official position with Taiwan Semiconductor Manufacturing Company, Ltd., I am authorized to sign documents and otherwise act on its behalf in connection with the management and handling of patent applications and other intellectual property matters.

Date: October 18, 2006

  
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**Chien-Wei (Chris) Chou**  
Director-Intellectual Property Division